

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** Method for an automated monitoring and controlling the operational performance of a computer or processor system (1) comprising the following steps:
- (a) detecting at least two operational parameters of individual components and/or at least two environmental parameters of environmental components of the computer or processor system (1);
 - (b) comparing the detected operational parameters and/or environmental parameters with predetermined limit values;
 - (c) determining, if predetermined limit values are exceeded or fallen below of by one or several of said detected operational parameters and environmental parameters;
 - (d) determining an operational event on basis of said limit values that have been exceeded or fallen below of;
 - (e) selecting a reaction corresponding to said determined operational event from a number of predetermined reaction patterns, wherein said number of predetermined reaction patterns includes ~~at least one reaction~~ reactions that ~~controls at least one control individually each of the a plurality of discrete individual~~ components being monitored to maintain or prolong the serviceability of the monitored system and protect to the greatest possible extent active calculation processes as well as

their data bases and results and to avoid damage to the discrete component being controlled by a reaction; and

(f) transmitting a control command to alter the operational performance corresponding to said selected reaction to said computer or processor system (1).

2. **(Original)** Method of claim 1, characterized in that the detected operational parameters or environmental parameters are absolute measured values as well as the temporal change of said measured value.
3. **(Original)** Method of one of the preceding claims, characterized in that besides the transmission of the control command corresponding to the selected reaction also a corresponding information signal is transmitted.
4. **(Currently Amended)** A device for an automated monitoring and controlling the operational performance of a computer or processor system (1), comprising:

first sensors (3) for detecting at least two operational parameters of individual components of said computer or processor system (1), and/or

second sensors (5) for detecting at least two environmental parameters of said computer or processor system (1),

a monitoring unit (7) for comparing said detected operational and/or environmental parameters with limit values stored in a first storage (8) as well as for detecting, if one or several limit values are being exceeded or fallen below of,

means for generating a determined operational event message on basis of said limit values that have been exceeded or fallen below of, and

a control unit (9) for receiving said operational event message as well as for selecting and transmitting a control command corresponding to said operational event message to said computer and processor system (1) from a storage (10) containing a number of predetermined reaction patterns, wherein said number of predetermined reaction patterns includes at least one control command that control controls at least one a plurality of the individual components being monitored to maintain or prolong the serviceability of the monitored system and protect to the greatest possible extent active calculation processes as well as their data bases and results and to avoid damage to the discrete component being controlled by a control command.

5. (Original) Device of claim 4, characterized in that said detected operational parameters or environmental parameters are absolute measured values as well as the temporal changes of said measured value.
6. (Original) Device of claim 4 or 5, characterized in that said device further comprises an optical or acoustic output means for outputting a message corresponding to said operational event message and/or said transmitted control command.

7. **(Previously Presented)** Device of claim 4, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.
8. **(Previously Presented)** Device of claim 4, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.
9. **(Original)** Device of claim 5, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.
10. **(Original)** Device of claim 6, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.
11. **(Original)** Device of claim 5, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.
12. **(Original)** Device of claim 6, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.
13. **(Original)** Device of claim 7, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.

14. **(Original)** Device of claim 9, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.
15. **(Original)** Device of claim 10, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.
16. **(Currently Amended)** Method for an automated monitoring and controlling the operational performance of a computer or processor system (1) comprising the following steps:
- (a) detecting at least two operational parameters of individual components and/or at least two environmental parameters of environmental components of the computer or processor system (1), wherein said operational parameters and said environmental parameters are quantitatively measurable parameters;
 - (b) comparing the detected operational parameters and/or environmental parameters with predetermined limit values;
 - (c) determining, if predetermined limit values are exceeded or fallen below of by one or several of said detected operational parameters and environmental parameters;
 - (d) determining an operational event on basis of a combined evaluation of said limit values that have been exceeded or fallen below of;
 - (e) selecting a reaction corresponding to said determined operational event from a number of predetermined reaction patterns **wherein said number of predetermined reaction patterns includes reactions that control individually each of a plurality of**

discrete components being monitored to maintain or prolong the serviceability of the monitored system and protect to the greatest possible extent active calculation processes as well as their data bases and results and to avoid damage to the discrete component being controlled by a reaction; and

(f) transmitting a control command to alter the operational performance corresponding to said selected reaction to said computer or processor system (1).

17. **(Original)** The device as claimed in claim 4, wherein the device operates separately from the computer or processor system monitored by the device, such that the computer or processor system can be re-activated by the device after the computer or processor system has been shut down.